

Notice of Allowability

Application No.

10/821,386

Examiner

Sajous Wesner

Applicant(s)

HIGGINS ET AL.

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment dated 6/20/07.
2. ☒ The allowed claim(s) is/are 1-6.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

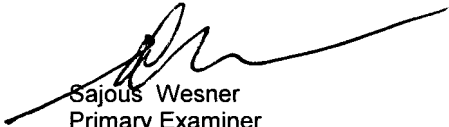
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 6/20/07-12-11-06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


Sajous Wesner
Primary Examiner
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DETAILED ACTION

Remark

This communication is responsive to the amendment and response dated June 20, 2007. Claims 1-6 are presented for examination. Claims 7-11 are canceled without disclaimer.

Allowable Subject Matter

1. Claims 1-6 are allowed over the prior art.

Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance:

None of the prior art made of record teaches or suggests a method for converting input image data specified with respect to a first white point of a display panel to a second white point with steps comprising:
solving for the weighting coefficients that relate a set of first white point coefficients to said second white point; computing a mapping of a first set of color values utilizing said first white point, a second set of color values; said first set of color values being derivable from said weighting coefficients; and converting said input image data into output image data using said mapping.

Childs et al. (GB 2,282,929) teaches a method for converting from a source color space to a target color space, wherein the source color space resulting from a

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combination of N primary color points and said target color space resulting from combination of N+1 or more primary color points in said target color space (see fig. 4, and paragraph 3), by defining, for the target color space, a set of at least N+1 primaries in which color points will be rendered as a combination of said primaries (Fig. 5, pg. 17 last paragraph); defining a color point in the interior of said target color space (Fig. 5); calculating solution matrices for each region of the target color space (see pg. 9 last paragraph, pg. 10 3rd paragraph). However, Childs et al. fail to teach solving for the weighting coefficients that relate a set of first white point coefficients to said second white point; computing a mapping of a first set of color values utilizing said first white point, a second set of color values; said first set of color values being derivable from said weighting coefficients; and converting said input image data into output image data using said mapping.

Kasson (US 5450216) teaches computing the hue angle as the arctangent of the ratio of the two chrominance components (Fig. 5, col. 8 lines 58-68), and a gamut converter for optionally mapping the gamut of the source color space to a target color space using the calculated hue angles (see Fig. 5, and col. 8 lines 32-37 and lines 58-68, col. 9 lines 48-65). However, Kasson fails to teach the above underlined claimed features in the manner recited in the claims.

For the aforementioned reasons, the limitations of claims 1-6 of the instant application are allowed over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sajous Wesner whose telephone number is 571-272-7791. The examiner can normally be reached on M-F 9:15-6:45.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi can be reached on 571-272-7664. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Sajous Wesner

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Primary Examiner
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WS

7/12/07